

32692

Customer Number



Patent
Case No.: 53910US036

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: GERSTER, JOHN F.

Application No.: 10/726131 Group Art Unit: 1625

Filed: December 2, 2003 Examiner: Unknown

Title: OXAZOLO, THIAZOLO AND SELENAZOLO [4,5-C]-QUINOLIN-4-AMINES AND ANALOGS THEREOF

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:	
23 January 2004	Renee A. Wolff
Date	Signed by: Renee A. Wolff

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

Respectfully submitted,

22 JANUARY 2004
Date

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Substitute for form 1449A/PTO (modified)

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Examiner Name

Unknown

Attorney Case Number

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 4,031,230	06-21-1977	Gottschlich et al.	
	A2	US- 4,038,396	07-26-1977	Shen et al.	
	A3	US- 4,131,677	12-26-1978	Shen et al.	
	A4	US- 4,689,338	08-25-1987	Gerster et al.	
	A5	US- 4,698,348	10-06-1987	Gerster	
	A6	US- 4,778,811	10-18-1988	Knoll et al.	
	A7	US- 4,904,669	02-27-1990	Knoll et al.	
	A8	US- 4,929,624	05-29-1990	Gerster et al.	
	A9	US- 5,037,986	08-06-1991	Gerster	
	A10	US- 5,268,376	12-07-1993	Gerster	
	A11	US- 5,312,822	05-17-1994	Albaugh	
	A12	US- 5,346,905	09-13-1994	Gerster	
	A13	US- 5,352,784	10-04-1994	Nikolaides et al.	
	A14	US- 5,389,640	02-14-1995	Gerster et al.	
	A15	US- 5,446,153	08-29-1995	Lindstrom et al.	
	A16	US- 5,451,585	09-19-1995	Albaugh	
	A17	US- 5,482,936	01-09-1996	Lindstrom	
	A18	US- 5,605,899	02-25-1997	Gerster et al.	

Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
	B1	GB	2 184 117	06-17-1987			
	B2	EP	0 055 248	06-30-1982			
	B3	WO	93/05042	03-18-1993			
	B4	WO	95/02597	01-26-1995			
	B5	WO	95/02598	01-26-1995			
	B6	WO	98/16514	04-23-1998			
	B7	WO	98/42712	10-01-1998			

*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Art Unit 1625

Examiner Name Unknown

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(Use as many sheets as necessary)

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	Tetrahedron Letters, Vol. 22, No. 22, pp 2121-2124, 1981 Printed in Great Britain.
	C2	Chem. Abstract 95:114500, (1981).
	C3	Chem. Abstract 86:16608, (1977).
	C4	Temple, Smith Kussner, and Montgomery, "Synthesis of Imidazo [4,5-b]pyridines and V-Triazolo [4,5-b]pyridines. Preparation of 1-Deaza-6-thioguanine Analogues", J. Org. Chem, Vol. 41, No. 24, 1976, pp. 3784-3788.
	C5	Bachman et al., <u>J. Org. Chem.</u> 15, 1278-1284 (1950).
	C6	Jain et al., <u>J. Med. Chem.</u> 11, pp. 87-92 (1968).
	C7	Baranov et al., <u>Chem. Abs.</u> 85, 94362 (1976).
	C8	Berenyi et al., <u>J. Heterocyclic Chem.</u> 18, 1537-1540 (1981).
	C9	Berge SM, et al., "Pharmaceutical Salts," <u>J. Pharm. Sci.</u> 1977;66:1.
	C10	Bachman et. al., <u>Journal of the American Chemical Society</u> , 69, pp 365-371 (1947).
	C11	Ambrogi et. al., <u>Synthesis</u> , pp. 656-658 (1992).
	C12	Adler et. al., <u>Journal of the Chemical Society</u> , pp.1794-1797 (1960).
	C13	Süs et. al., <u>Justus Liebigs Annalen der Chemie</u> , 583, pp.150-160 (1953).
	C14	Süs et. al., <u>Justus Liebigs Annalen der Chemie</u> , 593, pp. 91-126 (1955).
	C15	G. L. Brennan and L. H. Kronenberg in "Automated Bioassay of Interferons in Micro-test Plates", <u>Biotechniques</u> , June/July, 78, 1983.
	C16	Testerman et. al. In "Cytokine Induction by the Immunomodulators Imiquimod and S-27609", <u>Journal of Leukocyte Biology</u> , 58, 365-372 (September, 1995).

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